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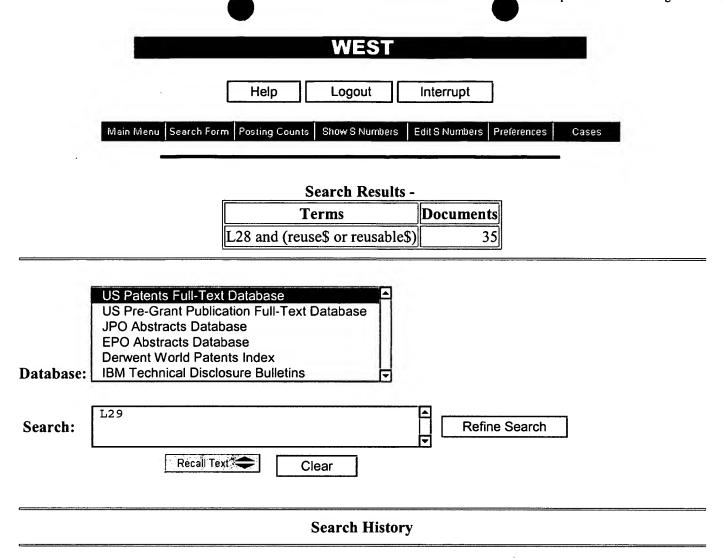
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<u>L6</u>	L5 and integer\$	54	<u>L6</u>
<u>L5</u>	L4 and (multi\$ or plural\$) near5 dimension\$	54	<u>L5</u>
<u>L4</u>	L3 and vector\$	80	<u>L4</u>
<u>L3</u>	11 and (phras\$ or text\$)	103	<u>L3</u>
<u>L2</u>	L1 and (live-in or live in)	0	<u>L2</u>
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I Journal of Educational Resources in Computing (JERIC) September 2001

Reconsidering custom memory allocation

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Emery D. Berger, Benjamin G. Zorn, Kathryn S. McKinley ACM SIGPLAN Notices, Proceedings of the 17th ACM conference on Object-oriented programming, systems, languages, and applications November 2002

Volume 37 Issue 11

Programmers hoping to achieve performance improvements often use custom memory allocators. This in-depth study examines eight applications that use custom allocators. Surprisingly, for six of these applications, a state-of-the-art general-purpose allocator (the Lea allocator) performs as well as or better than the custom allocators. The two exceptions use regions, which deliver higher performance (improvements of up to 44%). Regions also reduce programmer burden and eliminate a source of memory ...

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Youfeng Wu, Dong-Yuan Chen, Jesse Fang

ACM SIGARCH Computer Architecture News, Proceedings of the 28th annual international symposium on on Computer architecture May 2001 Volume 29 Issue 2



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